

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of	)	
	)	
Inventor(s): Coogan et al	)	
	)	
Appln. No. 10/540,914	)	Group Art Unit: 1714
	)	
Filed: 25 October 2005	)	Examiner: NILAND, P D
	)	
Title: AQUEOUS POLYURETHANE	)	
COMPOSITION FOR LOW GLOSS	)	
COATINGS	)	

**SUPPLEMENTAL DECLARATION OF RICHARD COOGAN**

Commissioner of Patents and Trademarks  
U.S. Patent and Trademark Office  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

I, Richard Coogan of the USA, do HEREBY SOLEMNLY AND SINCERELY DECLARE AS FOLLOWS:

1. I am a Manager of Research at DSM NeoResins Inc. with a PhD in organic Chemistry.
2. I have read and understood the specifications of WO 01/02455 (US 6559225).
3. I have read and understood the specification of US Patent Application No 10/540,914. I understand that the Examiner has raised WO 01/02455 (US 6559225) as being of relevance to said U.S. Patent Appln. No. 10/540,914.
4. This declaration is supplementary to my declaration dated 17 November 2006 and differs in that a column is added to the table to explain what the measurements were of, and clearly identifies that the polyurethane dispersions were tested.
5. Under my supervision the examples (polyurethane dispersions 1 to 4) of WO 01/02455 were repeated, the particle sizes measured, and the gloss of the resultant coatings was measured in accordance with ASTM D523-89.

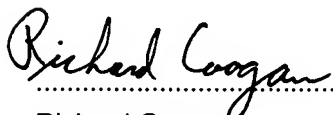
6. The values of the gloss measurements are given below in the Table:

	Example 1 polyurethane dispersion 1	Example 2 polyurethane dispersion 2	Example 3 polyurethane dispersion 2	Example 4 polyurethane dispersions 4
Gloss 60 °	89	91	74	81
Gloss 85 °	103	99	94	95
Z avg size nm	45.9	43.0	59.8	211.3

7. For a coating to be considered low gloss the 60 ° gloss needs to be less than 40 (page 2 line 16, U.S. Patent Appln. No. 10/540,914).
8. The 60 ° gloss in Examples 1 to 4 in WO 01/02455 is over 80 and they are therefore not low gloss coatings.
9. I DECLARE that all statements made of my own knowledge are true and that all statements made on information and belief are conscientiously believed to be true, and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment or both (18USC 1001) and may jeopardize the validity of this patent application or any patent issuing thereon.

And I make this solemn declaration,

DECLARED at Wilmington, Massachusetts, USA this 29 day of May 2007.

  
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Richard Coogan